



UpstateSCAlliance



460+

life science companies
in Upstate SC



608

life science patents in
South Carolina 2016-2019



2,089

manufacturers in
Upstate SC



11,473

STEM graduates
in Upstate SC (2020)



2.5x

national concentration
for industrial engineers



#3

for high-tech
job growth
South Carolina



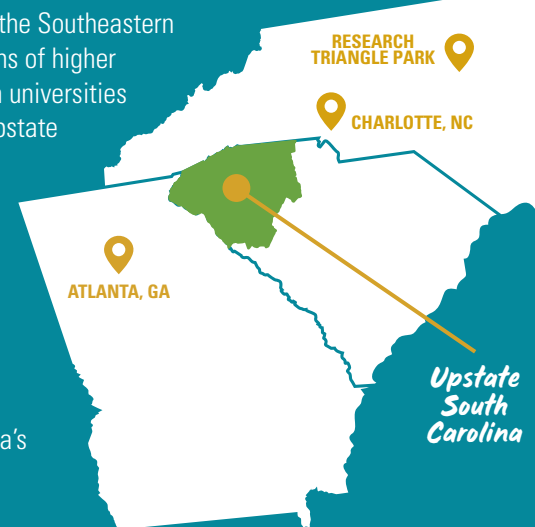
LIFE SCIENCES

Pioneering the future of human health.

Upstate South Carolina connects two of the largest cities in the Southeastern United States: Charlotte and Atlanta. Home to 26+ institutions of higher learning and within 150 miles of leading bioscience research universities such as Duke, University of North Carolina and Emory, the Upstate is a magnet for life science companies.

Here, global leaders like **Lonza** manufacture pharmaceutical products, **Pall Corporation** is supporting rapid vaccine production through single-use technology, and medical technology companies like **Chartspan** and **Sync.MD** are revolutionizing data management.

Life science is the fastest-growing segment of South Carolina's innovation economy, with industry leaders announcing more than **\$511 million in capital investment and 3,607 jobs** in the Upstate since 2017.



UPSTATE SOUTH CAROLINA: *Life Science Strengths*

DRUGS & PHARMACEUTICALS

Lonza



DIGITAL HEALTH SOLUTIONS



SYNC.MD



chartspan

MEDICAL DEVICES



CardinalHealth



Abbott



RESEARCH TESTING & MEDICAL LABS



KIYATEC®

Zylö



**Greenwood
Genetic Center**

FUELING THE CLUSTER

Innovation and R&D

Upstate South Carolina companies are shaping the future of human health, from **genomic breakthroughs at Greenwood Genetic Center** to **drug efficacy predictions by Kiyatec**. Here, companies find industry and research partnerships, and advanced facilities to help them explore, develop and scale new techniques, procedures and applications.



STARTUP SUCCESS: Zylö Therapeutics

Topical drug delivery systems that can provide sustained release are a transformative technology with a world of applications, and Upstate-headquartered Zylö Therapeutics is leading the way.

Establishes headquarters at NEXT Upstate co-working facility

Launches formulation & product development, moves to CUBELnc co-working laboratory space

Company establishes 12,500-SF facility, creates 30+ jobs

2017



2020

Founder & CEO Scott Pancoast relocates from San Diego to Greenville

Secures Series A financing, with \$1M invested by VentureSouth

Grants received from SCRA, National Institute of Health & Department of Defense

ARTHREX: Workforce Partnerships

When global orthopedic medical device pioneer Arthrex announced its \$40 million manufacturing facility in the Upstate and plans to create 1,000 new jobs, Upstate workforce development partners applied their formula for launch.



TECHNICAL TRAINING

- **readySC** provides hiring & training support
- **Tri-County Technical College** offers degree & non-degree workforce training

Experiential Learning:

- **Machine Tool Technology** program trains students on equipment used in Arthrex's production process
- **Youth Apprenticeship** program builds talent pipeline

UNIVERSITY SUPPORT

- Collaborative research partnership with **Clemson University**
- Partnering on curriculum tailored to surgical device innovation

Certificate Programs:

- Programs that equip students from any major to work in the orthopedic industry:
- **Sales Innovation** Certificate
- **Orthopedic Medical Device Product Specialist** Certificate

CLEMSON UNIVERSITY BIOENGINEERING by the numbers



166
graduates in 2021

104

Undergraduate students

47

Master's students

15

Doctoral students

RECENT UPSTATE ANNOUNCEMENTS

| COMPANY | CAPEX | JOBS |
|--------------------------------|---------------|------|
| Arthrex | \$100,000,000 | 500 |
| Pall Corporation | \$75,400,000 | 775 |
| Lonza | \$53,700,000 | 30 |
| Diversified Medical Healthcare | \$51,000,000 | 185 |
| Pall Corporation (Pall) | \$30,200,000 | 425 |
| Tietex International Ltd | \$17,314,600 | 100 |
| PGS USA, LLC (Pacorini) | \$14,369,573 | 25 |
| Nutra | \$8,500,000 | 118 |
| Sixin North America | \$5,000,000 | 94 |
| KIYATEC, Inc | \$5,000,000 | 91 |
| Luxor Scientific | \$3,589,278 | 54 |
| Agape Care Group | \$3,000,000 | 76 |

CONNECT WITH US

The Upstate SC Alliance is a public-private regional economic development organization. Let our Business Recruitment Team assist you in finding the perfect location, market intelligence or business connections. We support companies of all sizes. Let's talk.

864.283.2300 • upstateSCalliance.com



UpstateSCAlliance
Business moves here.